

10. Reconnect the throttle cable at the throttle lever as described in *Throttle Housing Disassembly/Inspection/Reassembly* in this chapter.

11. Operate the throttle lever and make sure the carburetor throttle pulley is operating correctly. If throttle operation is sluggish, make sure the cable was attached correctly and there are no tight bends in the cable.

12. Adjust the throttle cable as described in Chapter Three.

13. Test ride the vehicle and make sure the throttle is operating correctly.

FUEL TANK

Table 2 lists fuel tank specifications.

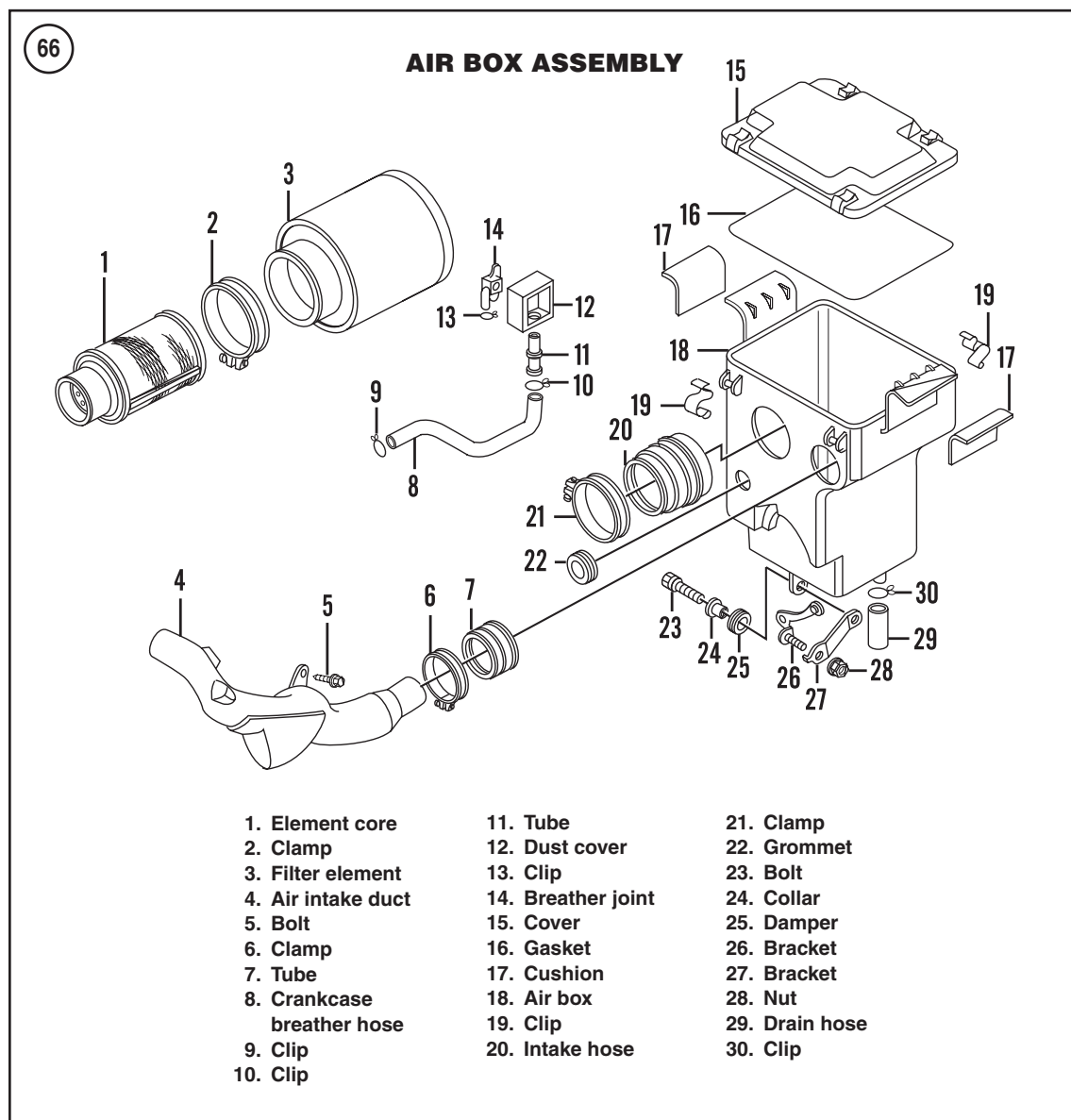
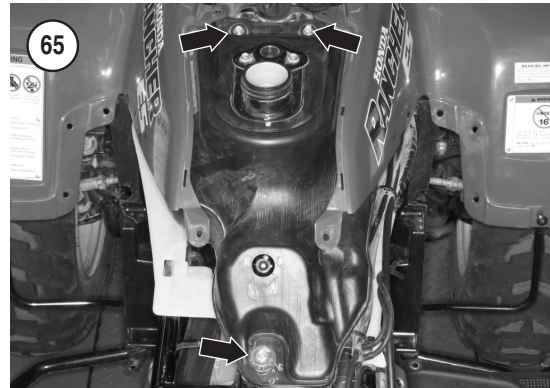
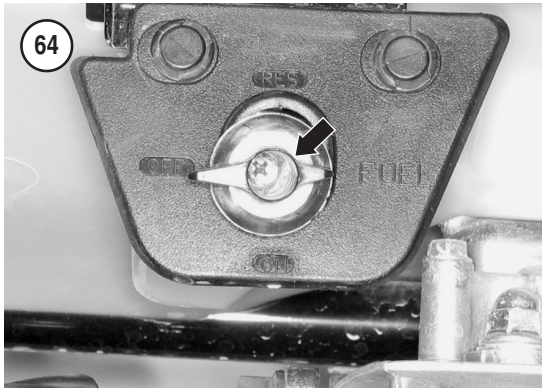
Removal/Installation

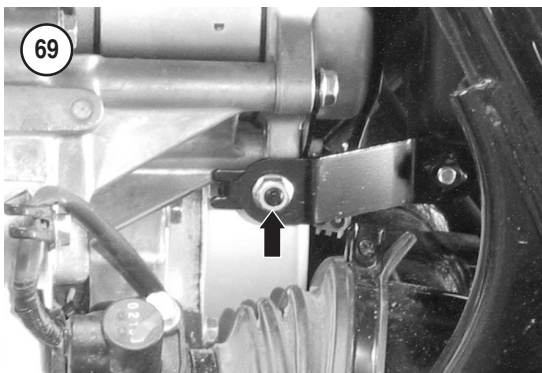
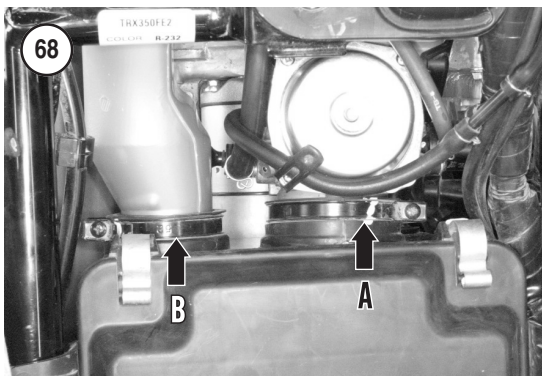
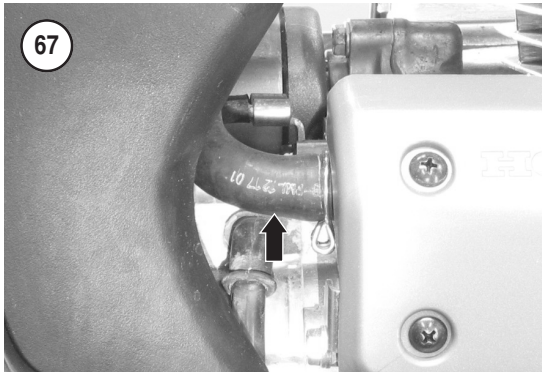
1. Park the ATV on level ground and set the parking brake.
2. Turn off the fuel valve.
3. Remove the seat (Chapter Fifteen).
4. Disconnect the negative battery cable from the battery (Chapter Three).
5. Remove the side covers and fuel tank cover (Chapter Fifteen).
6. Disconnect the fuel hose from the carburetor (**Figure 60**).
7. Label and remove the hoses from the air intake duct (**Figure 61**).
8. Loosen the air duct clamp screw at the air box (**Figure 62**).

NOTE

Refer to Chapter Fifteen for the trim clip disengagement and engagement procedure.

9. Disengage the air duct trim clip (**Figure 63**), then remove the air duct.
10. Remove the fuel valve lever retaining screw (**Figure 64**), then remove the fuel valve lever.
11. Remove the front and rear fuel tank mounting bolts (**Figure 65**).
12. Remove the fuel tank.
13. Remove the heat guard as follows:
 - a. Remove the trim clips and cable clips securing the fuel tank heat guard to the frame.





- b. Push the heat guard forward to disengage the locating tabs from the frame, and remove the heat guard.
14. Install the heat guard and fuel tank by reversing the preceding removal steps while noting the following:
 - a. Replace the fuel tank mounting bolt collars if they are missing or damaged.
 - b. Replace missing or damaged fuel tank dampers or holder bands.
 - c. After installing the fuel hose onto the fuel valve, secure the hose with a hose clamp.

- d. Tighten the fuel tank mounting bolts (**Figure 65**) securely.
- e. Turn the fuel valve on and check for leaks.

FUEL VALVE

Removal/Installation

1. Remove the fuel tank as described in this chapter.
2. Drain the fuel tank of all gas. Store the gas in a can approved for gasoline storage.
3. Remove the screws securing the fuel valve to the bottom of the fuel tank.
4. Remove the O-ring and strainer screen from the fuel valve.
5. Clean the strainer screen in a high-flash point solvent. Replace the strainer screen if it is damaged.
6. Install a new fuel valve O-ring.
7. Install the fuel valve by reversing the preceding removal steps. After installation, check the fuel valve and hose for leaks.

AIR BOX

Removal/Installation

Refer to **Figure 66**.

1. Park the ATV on level ground and set the parking brake.
2. Remove the seat and left side cover (Chapter Fifteen).
3. Disconnect the crankcase breather tube from the air box (**Figure 67**).

NOTE

Refer to Chapter Fifteen for the trim clip disengagement and engagement procedure.

4. Disengage the air duct trim clip (**Figure 63**). Move the duct forward.
5. Loosen the carburetor hose clamp at the air box (**A, Figure 68**).
7. Loosen the intake air duct clamp at the air box (**B, Figure 68**).
8. Remove the air box brace retaining nut (**Figure 69**).
9. Remove the air box assembly.
10. Cover the carburetor opening.

Copyright of Honda TRX350 RANCHER, 2000-2006 is the property of Penton Media, Inc. ("Clymer") and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.